|                | 09      | 09/614,270                   |              |  |                 |           |              |          |       | COOPER, WILLIAM A. |                 |          |          |          |          |          |         |            |
|----------------|---------|------------------------------|--------------|--|-----------------|-----------|--------------|----------|-------|--------------------|-----------------|----------|----------|----------|----------|----------|---------|------------|
|                |         |                              |              |  | Examiner        |           |              |          |       |                    |                 |          | Art Unit |          |          |          |         |            |
|                |         |                              |              | EI   | la Co           | lbe       | ert          |          |       |                    | j               | 3624     |          |          |          |          |         |            |
|                | $\Box$  | /Th                          |              | -0   |                 |           |              |          |       |                    |                 |          |          |          |          |          |         |            |
| √ Rejected     |         | (Through numera<br>Cancelled |              |  | _               | N         | Non-Elected  |          |       |                    |                 | Appeal   |          |          |          |          |         |            |
| = Allowed      | +       | Restricted                   |              |  |                 | <u> </u>  | Interference |          |       |                    | 0               | Objected |          |          |          |          |         |            |
| Claim 10 Date  |         | Claim                        |              |  | Date            |           |              | Claim    |       |                    | Date            |          |          |          |          |          |         | ]          |
| Claim Date     |         | ਰ                            | - K          |  |                 |           |              |          | ਕ     | nal                |                 |          |          |          |          |          |         |            |
| Final Original |         | Final                        | Original 22  |  |                 |           |              |          | Final | Original           |                 |          |          |          |          |          |         |            |
| 1 1            |         |                              | 51           |  | +               | $\dashv$  |              | 1        |       | 101                | $\vdash$        | +        | +        | H        |          | $\vdash$ | +       | -          |
| 4              | 1-1-    |                              | 52 1/        |  |                 | $\Box$    |              | ]        |       | 102                |                 |          |          |          |          |          |         | 1          |
| 4 1 1          | ++-     |                              | 53 I/        | <del>                                     </del> | $\dashv \dashv$ | $\dashv$  | ++-          | -        | -     | 103<br>104         | $\vdash$        | +        | +        | $\vdash$ | _        | Н        |         | 4          |
| 5              |         |                              | 55 🗸         |  |                 |           |              |          |       | 105                |                 |          |          |          |          |          | 1       |            |
| 6 1 1          | +       |                              | 56 /<br>57 V |  |                 | +         | +            | -        |       | 106<br>107         | H               | +-       | +-       | $\vdash$ |          |          | +       | -          |
| 8 1            |         |                              | 58 1/        |  | $\dashv$        | $\exists$ |              |          |       | 108                | $\vdash$        | +        | +        | +        |          | $\vdash$ | +       | -          |
| g              | $\perp$ |                              | 59 7         |  |                 | $\Box$    |              |          |       | 109                |                 | $\bot$   | $\perp$  |          |          |          | ፗ       | ]          |
| 10             | +       |                              | 60 V         |  | +               | +         | +            | 1        |       | 110<br>111         | $\vdash$        | -        | ╫        | ├        |          | $\dashv$ | +       | -          |
| 12             |         |                              | 62 1/        |  |                 |           |              | ]        |       | 112                |                 |          |          |          |          |          |         | <b>j</b> . |
| 13             |         |                              | 63 J         |  |                 | $\dashv$  |              | -        |       | 113<br>114         | $\vdash$        | -        | +-       | _        | _        | $\Box$   | +       | 4          |
| 13 1           | ++      |                              | 65           |  | ++              | +         |              | 1        |       | 115                |                 | +        | +-       | $\vdash$ |          | H        | +       | 4          |
| 16             |         |                              | 66           |  |                 |           |              |          |       | 116                |                 |          |          |          |          |          |         | <u>j</u>   |
| 17             | ++      |                              | 67<br>68     | $\vdash$   | +               | +         |              | -        |       | 117<br>118         | $\vdash$        | -        | +-       | $\vdash$ |          | $\vdash$ | +       | 4          |
| 19             |         |                              | 69           |  |                 |           |              |          |       | 119                | $\Box$          | +        | +        |          |          | $\vdash$ | -       | 1          |
| 20 21          |         |                              | 70<br>71     |  | $\dashv$        | 4         |              | ]        |       | 120                |                 |          | $\perp$  |          |          |          |         | ]          |
| 22             | ++-     |                              | 72           |  | $\dashv \dashv$ | +         |              | 1        |       | 121<br>122         | $\vdash$        |          | +        | $\vdash$ | _        | $\vdash$ | +       | -          |
| 23             |         |                              | 73           |  |                 | 丁         |              | ]        |       | 123                |                 |          |          |          |          |          |         |            |
| 24             | +       | <b></b>                      | 74<br>75     |  |                 | 4         |              | -        |       | 124                |                 | _        | -        |          |          |          | $\perp$ | ]          |
| 26             | ++-     |                              | 76           |  | $\dashv$        | $\dashv$  | +            | 1        | -     | 125<br>126         |                 | +        | +-       | $\vdash$ |          |          |         |            |
| 27             |         |                              | 77           |  |                 | #         |              |          |       | 127                |                 |          |          |          |          |          |         | ]          |
| 28 1           | ++-     |                              | 78<br>79     |  | +               | +         |              | -        | ļ     | 128<br>129         |                 | -        |          | $\vdash$ |          | $\vdash$ | +       | 4          |
|                |         |                              | 80           | $\dashv$   | $\dashv$        | 1         | +            | 1        |       | 130                | $\vdash$        | +-       | +        | H        |          |          | +       | 1          |
| 31             | III     |                              | 81           |  |                 |           |              | ]        |       | 131                |                 |          |          |          |          |          |         | 1          |
| 32 33          | ++-     |                              | 82<br>83     |  | +               | $\dashv$  | +            | 1        |       | 132<br>133         |                 | +        | ╁-       | H        |          | +        |         | 4          |
| 34 /           |         |                              | 84           |  |                 | 1         |              |          |       | 134                |                 | -        | 1        |          |          |          | +       | 1 .        |
| 35 /           | +       |                              | 85<br>86     |  | $\dashv$        | 4         |              | <b>.</b> |       | 135                |                 | $\perp$  | $\perp$  |          |          |          | $\perp$ | ]          |
| 37             | ++      |                              | 87           |  | +               | +         |              | 1        |       | 136<br>137         | $\vdash$        | +        | ╁┈       | Н        | -        | $\dashv$ | ╁       | -          |
| 38             |         |                              | 88           |  |                 |           |              |          |       | 138                |                 |          |          |          |          |          |         | j          |
| 39 40          |         |                              | 89<br>90     |  | ++              | 4         |              | -        |       | 139<br>140         | -               | +        | ┿        | Н        | $\Box$   |          | -       | ]          |
| 41 (           | +       |                              | 91           |  | +               | +         | ++-          | 1        |       | 141                | $\vdash$        | +        | +        | Н        | $\dashv$ | $\dashv$ |         | -          |
| 42             |         |                              | 92           |  | 11              | $\Box$    |              | ]        |       | 142                |                 | 丰        |          | Ц        |          |          | $\perp$ | 1          |
| 43 \ 44 \ \    | ++-     |                              | 93           | -+-}   | +               | +         |              |          |       | 143<br>144         | $\vdash$        | +        | +-       | $\vdash$ | -        |          | +       | 4          |
| 45 🗸           |         |                              | 95           |  |                 |           |              | ]        |       | 145                |                 | _        | $\perp$  | H        | _        | $\dashv$ | +       | 1          |
| 46 //          |         |                              | 96<br>97     |  | $\prod$         | $\bot$    | $+\Gamma$    | 4        |       | 146                |                 |          | $\Box$   | П        |          |          | T       | ]          |
| 48 //          | +       |                              | 98           | ++   | +               | +         |              |          |       | 147<br>148         | $\vdash \vdash$ | +        | +        | H        | $\dashv$ | $\dashv$ | +       | 1          |
| 49 V           |         |                              | 99           |  |                 | <u>コ</u>  |              |          |       | 149                |                 | 士        |          |          |          | 士        |         | j          |
| 50 1           |         | ::::                         | 100          | $\perp \perp \perp$                              |                 |           |              | J        |       | 150                | $\Box \Box$     |          |          | $\Box$   |          |          |         | _          |

Application/Control No.

Index of Claims

Applicant(s)/Patent under Reexamination